

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L1	413	(310/318) .CCLS.	USPAT	2005/11/23 09:35	
2	IS&R	L2	349	(310/319) .CCLS.	USPAT	2005/11/23 10:08	
3	IS&R	L3	87	(310/319,339) .CCLS.	US-PGPUB; EPO; JPO; DERVENT; IBM_T DB	2005/11/23 10:09	
4	IS&R	L4	437	(310/339) .CCLS.	USPAT	2005/11/23 10:14	
5	BRS	L5	0	transducer and rectifi\$6 and storage and "dc to dc"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT; IBM_T DB	2005/11/23 10:15	
6	BRS	L7	1270	transducer and rectifi\$6 and storage and converter and (energy adj2 harvest\$3 or generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT; IBM_T DB	2005/11/23 10:18	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	L8	86	transducer and rectifi\$6 and storage and dc adj1 dc adj1 converter and (energy adj2 harvest\$3 or generator)	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/11/2 3 10:26	
8	BRS	L9	986	transducer and rectifi\$6 and storage and (transformer or "voltage converter") and (energy adj2 harvest\$3 or generator)	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/11/2 3 10:26	

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

transducer and (rectifier or rectified or rectification) and storage and ("dc to dc" or "voltage converter" or transformer) and ("energy harvester" or "energy harvesting" or generator) : 88 records

Showing records 1 to 25 of 88 :

[Next 25 records](#)

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transducer and (rectifier or rectified or rectification) and

Title

1. [\(WO 2005/094273\) WATER HEATER AND METHOD OF CONTROLLING THE SAME](#)
2. [\(WO 2005/089293\) METHODS AND SYSTEMS FOR PROVIDING LIGHTING SYSTEMS](#)
3. [\(WO 2005/043159\) WATER-SOLUBLE COMPOUND](#)
4. [\(WO 2005/031282\) VOLUMETRIC PHYSIOLOGICAL MEASURING SYSTEM AND METHOD](#)
5. [\(WO 2005/024177\) DOWNHOLE POWER GENERATION AND COMMUNICATIONS APPARATUS AND METHOD](#)
6. [\(WO 2005/022606\) THERMOACOUSTIC PIEZOELECTRIC GENERATOR](#)
7. [\(WO 2005/012997\) PHOTOGRAPHY METHODS AND SYSTEMS](#)
8. [\(WO 2005/008805\) APPARATUS AND METHOD FOR GENERATING ELECTRICAL ENERGY FROM MOTION](#)
9. [\(WO 2005/008804\) APPARATUS AND METHOD FOR PROVIDING ELECTRICAL ENERGY GENERATED FROM MOTION TO AN ELECTRICALLY POWERED DEVICE](#)
10. [\(WO 2005/003543\) FREE PISTON STIRLING ENGINE CONTROL](#)
11. [\(WO 2004/107964\) METHOD AND APPARATUS FOR BODY FLUID SAMPLING AND ANALYTE SENSING](#)
12. [\(WO 2004/105582\) ELECTROMAGNETIC-ACOUSTIC IMAGING](#)
13. [\(WO 2004/100624\) LIGHTING METHODS AND SYSTEMS](#)
14. [\(WO 2004/098700\) METHOD AND APPARATUS FOR ELECTROMAGNETIC STIMULATION OF NERVE, MUSCLE, AND BODY TISSUES](#)
15. [\(WO 2004/074101\) SATELLITE ELECTRIC CHARGE BUILDUP MONITOR](#)
16. [\(WO 2004/063968\) AUTOMATICALLY-ACTIVATED WIRELESS LASER SCANNING BAR CODE SYMBOL READING SYSTEM](#)
17. [\(WO 2004/045088\) SYSTEM AND METHOD FOR HETERODYNING AN ULTRASONIC SIGNAL](#)
18. [\(WO 2004/038900\) POWER CONVERTER METHOD AND APPARATUS HAVING HIGH INPUT POWER FACTOR AND LOW HARMONIC DISTORTION](#)
19. [\(WO 2004/032788\) MICRO-GENERATOR IMPLANT](#)
20. [\(WO 2003/030341\) INDUCTION GENERATOR POWER SUPPLY](#)
[Repub: 04.03.2004]
21. [\(WO 2004/006164\) VARIABLE FREQUENCY TAG](#)

RESULT LIST

1 result found in the Worldwide database for:

(energy and harvester) or generator in the title AND **(piezoelectric or transducer) and storage and conversion**
title or abstract

(Results are sorted by date of upload in database)

1 PIEZOELECTRIC HYDRAULIC POWER GENERATOR

Inventor: KATO KENICHI; SAKURAI SHINJI; (+2)

Applicant: TOTO LTD

EC:

IPC: H02N2/00; F03B13/10; (+1)

Publication info: **JP2001275370** - 2001-10-05

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Canadian Patents Database

Search Results 11/23/2005 - 11:04:23

 Query :

```
((piezoelectric <and> energy <near> e
```

Query: ((piezoelectric <and> energy <near> electrical)) <AND> (((energy <and> harvesting) <or> generator) <in> title) <AND> (((capacitor <or> storage) <and> transducer) <in> claims)

Sorry, no patents were found matching your query

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Last Modified: 2002-12-31

[Important Notices](#)

RESULT LIST

5 results found in the Worldwide database for:
energy and harvesting in the title AND **piezoelectric or transducer** in the title or abstract
(Results are sorted by date of upload in database)

1 Energy harvesting using a thermoelectric material

Inventor: NERSESSIAN NERSESSSE (US); CARMAN GREGORY P (US); (+1)
EC:

Applicant: UNIV CALIFORNIA
IPC: H01L35/12; H01L35/30

Publication info: **US2005205125** - 2005-09-22

2 Piezoelectric vibration energy harvesting device

Inventor: DENG KEN K (US); ANDIC KIKMET (US)
EC: H01L41/113

Applicant:
IPC: H01L41/113

Publication info: **US2005134149** - 2005-06-23

3 Piezoelectric vibration energy harvesting device and method

Inventor: DENG KEN KAN (US)
EC: H01L41/113

Applicant:
IPC: H01L41/08

Publication info: **US2005057123** - 2005-03-17

4 HIGH EFFICIENCY PASSIVE PIEZO ENERGY HARVESTING APPARATUS

Inventor: CLINGMAN DAN J
EC: H01L41/113

Applicant: BOEING CO (US)
IPC: H01L

Publication info: **WO2004064117** - 2004-07-29

5 Energy harvesting eel

Inventor: CARROLL CHARLES B (US)
EC: H01L41/113

Applicant: OCEAN POWER TECHNOLOGIES INC (US)
IPC: H01L41/04

Publication info: **US6424079** - 2002-07-23

Data supplied from the **esp@cenet** database - Worldwide

RESULT LIST

18 results found in the Worldwide database for:

(energy and harvester) or generator in the title AND (piezoelectric or transducer) and rectifier in the title or abs
(Results are sorted by date of upload in database)**1 PIEZOELECTRIC GENERATOR**

Inventor: KOVALENKO MYKOLA PAVLOVYCH (UA)

Applicant: KOVALENKO MYKOLA PAVLOVYCH (UA)

EC:

IPC: H02N2/18; H01L41/113

Publication info: **UA7127U** - 2005-06-15**2 Piezoelectric negative ion generator special for IC control**Inventor: CHEN YAOQIANG (CN); YANG ZHE (CN);
(+1)Applicant: KANGHONG INFORMATION TECHNOLOGY
(CN)

EC:

IPC: H01T19/00; H01T23/00

Publication info: **CN1588719** - 2005-03-02**3 CONTROL PROCESS AND DEVICE FOR ROTARY RECTIFIER OF
SYNCHRONOUS GENERATOR EXCITOR**Inventor: EMANOIL DOINA LUCIA (RO); DUMITRACHE
IOAN (RO); (+4)

Applicant: SOCIETATEA COM A PENTRU CERCET (RO)

EC:

IPC: H02K11/00; H02H7/00; (+1)

Publication info: **RO119802** - 2005-03-30**4 Device for exciting and stabilizing the voltage of the windmill-operated
induction generator**Inventor: BERZAN VLADIMIR (MD); BIHRLEHDYANU
ALEXANDRU (MD); (+4)

Applicant: INST DE ENERGETIKEH AL AKADEMI (MD)

EC:

IPC: H02P9/46; F03D7/00

Publication info: **MD20030234** - 2005-03-31**5 Electric power generator for e.g. electronic surveillance circuit, has
switch that is controlled to extract electrical energy of piezoelectric
insert and to transfer energy to four terminal electromagnetic storage
network**

Inventor: LEFEUVRE ELIE; BADEL ADRIEN; (+2)

Applicant: INSA DE LYON (FR)

EC: H01L41/113

IPC: H02N2/18; H02N2/06

Publication info: **FR2854006** - 2004-10-22**6 PIEZOELECTRIC GENERATOR AND PIEZOELECTRIC LIGHT EMITTING
DEVICE USING IT**

Inventor: TADANO RYUICHI

Applicant: TOKIN CERAMICS CORP

EC:

IPC: H02N2/00

Publication info: **JP2001339963** - 2001-12-07**7 WARNING TONE GENERATOR**

Inventor: MATSUDAIRA SHINJI

Applicant: SANYO ELECTRIC CO

EC:

IPC: G08B23/00; G08B13/24; (+3)

Publication info: **JP9016873** - 1997-01-17**8 MIST GENERATOR**

Inventor: ENDO AKIO

Applicant: KIYAN KK U

EC: B05B17/06B

IPC: B05B17/06; B06B1/02; (+1)

Publication info: **JP8057379** - 1996-03-05**9 Conductimetric humidity measurement, e.g. for cotton, photographic
film, wood, paper, etc - using manually or mechanically operated
piezoelectric charge generator and measuring current capacitor**Inventor: LOEBEL WILFRIED (DE); MARTIN RAINER
(DE); (+3)

Applicant: CHEMNITZ TEXTILTECH FORSCH (DE)

EC: G01N27/04E

IPC: G01N27/04